

**CHESTERFIELD COUNTY
DEPARTMENT OF ENVIRONMENTAL ENGINEERING
OPERATION AND MAINTENANCE INSPECTION RECORD**

1. A licensed professional engineer must conduct all inspections utilizing the approved construction plans.
2. As a minimum, all items must be inspected and any discrepancies and necessary repairs noted. Include estimated cost of necessary repairs or actions.
3. Upon completion of the inspection, one copy, indicating estimated completion date and cost of noted discrepancies and repairs, it is to be forwarded by the inspection firm to: Chesterfield County, Department of Environmental Engineering, Attn: Water Quality Compliance Specialist, P. O. Box 40 Chesterfield, VA 23832. The original form must be forwarded to the owner of the facility for signature by the organization's representative.
4. The facility owner's representative must indicate on his/her photocopy the actual completion date and actual cost of acquired repairs and return the form to: Chesterfield County, Department of Environmental Engineering, Attn: Water Quality Compliance, P.O. Box 40 Chesterfield, VA 23832.

Name of Project:				Location Project:	
Owner of Facility:				Date of Inspection:	
Inspection Item	Acceptable?		N/A	If Not Acceptable Describe Repairs Needed	Estimated Cost of Repairs
	Yes	No			
I. DAM / EMBANKMENT					
A. Vegetation					
1.) Trees					
2.) Bare Spots					
B. Settlement/Stabilization					
1.) Cracks					
2.) Depressions					
3.) Erosion					
C. Rodent/Wildlife Damage					
D. Evidence of seepage					
E. Bridges					
II. PRINCIPAL SPILLWAY					
A. Obstructions in Spillway					
B. Inlet and Outlet Structures					
1.) Signs of seepage					
2.) Separation of joints					
3.) Cracks, Breaks, or Deterioration of Concrete					
4.) Differential Settlement					
5.) Undermining					

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Name of Project:					
Inspection Item	Acceptable?		N/A	If Not Acceptable Describe Repairs Needed	Estimated Cost of Repairs
	Yes	No			
II. PRINCIPAL SPILLWAY (cont'd)					
C. Settlement Buildup					
D. Scour at Inlet					
E. Riser and Trash Rack					
1.) Vertical Position					
2.) Securely Attached					
3.) Stone Cone Functional					
4.) Low Flow Perforations Functional					
5.) No Accumulated Debris					
III. GATES OR VALVES					
A. Fully Functional					
B. No Rust Damage					
C. No Evidence of Leaking					
VI. RESERVOIR AREA					
A. Inlet Structures					
1.) No Erosion					
2.) No Settlement					
3.) No Undermining					
4.) No Silt Buildup in Forebays					
B. No Silt Buildup in Entire Basin					
C. Wet Volume per Design					
V. LOW FLOW CHANNELS					
A. No Sediment Buildup					
B. No Accumulated Debris					
C. No Undermining					
D. No Other Damage of Deterioration					
VI. WETLAND GRASSES					
A. If Required by Plan, Present Where So Required					

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Name of Project:

Inspection Item	Acceptable?		N/A	If Not Acceptable Describe Repairs Needed	Estimated Cost of Repairs
	Yes	No			
II. FENCES					
A. Posts in Place and Secure					
B. Fencing in Place and Secure					
C. No Accumulated Debris					
D. Access Gate Functions					
E. Vegetative Barriers in Place					

Note Any Other Discrepancies Observed and Necessary Repairs Here or on a Separate Page:

Estimate Repairs Completion Date:		Total Estimated Cost of All Repairs:	

The Professional Engineer's Information:

Inspection Conducted by: _____ P.E.

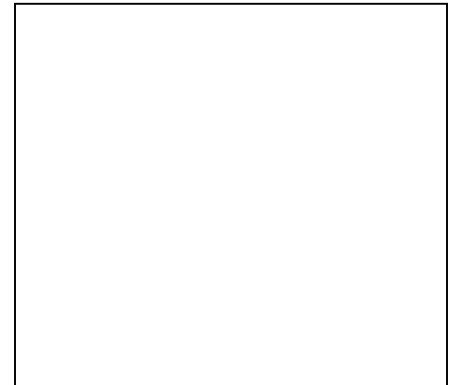
Firm: _____

Address: _____

Phone: _____

Signature of P.E.

Performing the Inspection: _____



Place Professional Stamp Here

Facility Owner Information:

Owner's Representative: _____

Representative's Title: _____

Mailing Address: _____

Phone: _____

Representative's Signature: _____

ACTUAL DATE ALL REPAIRS COMPLETED:

ACTUAL TOTAL COST OF ALL REPAIRS